

The IL-28 Aircraft (Technical Description)  
Book II. Armament of the Aircraft, by  
S. V. Il'yushin, G. L. ~~MARKOV~~ MARKOV, et al.  
357 pp. ~~XXXXXXXXXX~~

RUSSIAN, bk, Samolet IL-28, Tekhnicheskoye ~~OPISANIYE~~  
Opisaniye Kniga Vtoraya: Vooruzheniye Samoleta,  
Moscow, ~~XXX~~ 1956, pp 1-186. 9678755-V.

FTD-TT-62-632

Sci-Mil  
Doc 62

217,583

Our Winged Liner, by S. V. Ilyushin, 6 pp

RUSSIAN, par, Vest Voz Flot, No 7, 1960,  
9659460, pp 12-18

ATIC

USSR

Mill

Mar 61

143,526

Brief Characteristic of the Il-18 Aircraft, by S. V.  
Il'yushin, 2 pp. SECRET

RUSSIAN, rpt., - pp.

9660591

ATIC F-TS-10197/III

Sci - Engr  
Jan 61

The Aerodynamics of Supersonic Air Inlets by  
V. Il'yushin, 6 pp. FOR OFFICIAL USE ONLY

RUSSIAN, for, Aviatsiya i Kosmonavtika, No 3,  
1963, 9687215-V

FTD-St-63-3

Sci - Aero

Oct 63

241-174

The Pilot's Forte is His Knowledge of the Equipment,  
by V. S. Il'yushin, N. P. Rebrov, 15 pp. FOUO

RUSSIAN, per, Vest Voz Flota, No 6, 1961. 9672864

FTD-61-61-5

USSR

MIL

Feb 62

181, 273



THE INFORMATION IN THE ATTACHED IS FOR THE  
 PERSONAL USE OF THE RECIPIENT ONLY. IT  
 IS NOT TO BE DISCLOSED TO ANY OTHER  
 PERSON OR ORGANIZATION.

RECEIVED BY: [REDACTED] (10/11/11), 10 2,  
 12 1/2 1/2, 11 1/2-11 1/2.

JUNE 11/89

10/11/11  
 10/11/11  
 10/11/11

10/11/11

Synthesis of Derivatives of 1-Hydroxyphenazine.  
V. Halogen Derivatives of 1-Methoxyphenazine,  
by S. B. Serebryany, N. A. Ilyushina, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,  
No 10, USSR, Oct 1953, pp 1776-1778.

614 D 151002

Consultants Bureau

Scientific - Chemistry

20,555

CTS 64/Jan 55

(IR-2374/24).

Mass Prophylaxis of Epidermophytosis of the Fleet,  
by V. I. Zhukov, N. I. Ilyushkin, 5 pp.

RUSSIAN, per, Voenno-Med Zhur, No 7, 1959,  
pp 62-64.

JPRS 2550

Sci - Med  
May 60

117,531

p 19

THE PRESIDENT'S COMMISSION ON ASSASSINATIONS  
REPORT OF THE COMMISSION  
JULY 1975  
WASHINGTON, D.C. 20540, JULY 9, 1975, PP 45-50.

205-10000  
7-10-75

278,313

Leishmaniasis Peculiarities in Guinea Pigs 41  
Exacerbated After the Vaccination with  
Berberis Takanus Toxoid, by A. Yu. Ilyutovich,  
G. N. Malits, et al.  
Abstract, per, Zhurnal Mikrobiologii,  
Epidemiologii i Immunologii, Vol 41,  
No 11, Nov 1964, pp 99-105. 9232160  
DOI: 10.1006/j.1073-0916(1964)00041-0

*A. Yu. Ilyutovich*

Sci/Agri  
Feb 66

200,207

THE UNITED STATES OF AMERICA  
IN WASHINGTON, D.C.  
OFFICE OF THE DIRECTOR  
OF NATIONAL INTELLIGENCE  
WASHINGTON, D.C. 20505

H. Ilzhofer

FOR THE DIRECTOR  
OF NATIONAL INTELLIGENCE  
WASHINGTON, D.C. 20505

200,000

ORR R-900

(DC-3020).

What Prevented Production Efficiency, by Im  
Ch'ol-ho, 3 pp.

KOREAN, per, Ch'esin, No 31, May 1959, pp 28, 29.

JPRS-978-D

FR - Korean  
Econ - Communications and Telecomm  
Nov 59

99,689

(DC-3248).

Currency Assets and Final Accounting, by Im Chong-wan,  
4 pp.

KOREAN, par, Chaejung Kumsung, No 9, P'yongyang,  
1959, pp 57-61.

JPRS 3018

FR - Korea  
Econ  
Mar 60

111,177

NOTE: NEXT, GOOD AND WELL, BY IN CLUB-10, 5 FT.

RECORD, MP, HANSON CHERRY, 21 SEP 1963, PP 2, 3.

JUN 1963

PL-10001  
1000  
1000

244,368

Interview of Soviet Ambassador Fedorenko With  
Ichiro Imada, Deputy Managing Editor of Kyodo  
News Service, 7 pp. OFFICIAL USE ONLY

JAPANESE, WFO, Gaiko Jiho, May 1959, Encl to  
Desp No 1375, Embassy, Tokyo, 27 May 1959.

51  
Dept of State  
4277987

USSR

FR - Japan

Pol - Neutrality

Jun 59

89, 871

Study on the Heterotransplantation of Human Cancer  
Into Rabbits and Guinea Pigs, by Akiso Tanaka,  
Shigeo Inagi, Fumio Mimura, Shunsuke Nakatani,  
10 pp.

Full translation.

JAPANESE, per, Cann (Japanese Journal of Cancer Research  
Vol XLI, No 2-3-4, Dec 1950, pp 233-236.

CIA/FID/X-778

Scientific - Medicine, biology

Apr 53 CTS

715

(SF-2034)

THE MEETINGS OF THE SCIENTIFIC COUNCIL OF  
THE AFRICAN INSTITUTE OF THE AN USSR DEVOTED  
TO THE PROBLEMS OF THE CONGO, BY  
R. IMAGILOVA, 7 PP.

RUSSIAN, PER, SOVET GTNOGRAFIYA, NO 3,  
MAY/JUN 1961, PP 93-96.

JPRS 12412

USSR POL  
FEB 62

182,965

An Adrenocortical Response of Mouse Lymph Node  
to Estrogen Treatment, by H. Imai, 26 pp.

JAPANESE, per, Kaibogaku Zasshi, Vol XXXII, No 6,  
Dec 1957, pp 571-582.

NIH 2-24-60

/31

Sci - Med

Apr 60

115,048

87

Examination on Electrolytic Condition for Iso-  
lation of Nitride from Iron by Potentiostatic  
Measurement, by U. Imai, T. Masumoto.

JAPANESE, per. ~~Japan Kinshu~~, Vol 27, No 12,  
1963, pp 593-598.  
REF ID: A693

Sol-Int  
Aug 68

U. Imai, T. Masumoto

Review of E. Tamm's Memoirs of Miss. by A. L. Ladd, 17 pp.  
JAPANESE, rev. John Chalmers Bishop, No. 202, 1960,  
pp. 202-203.

MEM 11-23-61

Sci - Biol & Med  
Feb 61

202,203

**Section on Turner's Statement of Exclusion, Issuance of the  
Fugitive Complaint, by A. Scott, Jr.  
JAPAL News, Inc., San Francisco, Calif., Dec. 29, 1968,  
pp 2245-2274.**

██████████ 11-24-63

SECRET - SECURITY INFORMATION

**241,000**

Method of Manufacturing Triisopentyl  
Aluminum, by Kenji, Doi, Yukio Abe, 10pp.  
JAPANESE, Manuscript of published Japanese  
patent 16080/1963, cl. 16-B-95, appl.  
no. 20812/1958, appl. 18 Jul 58, pub.  
3 Sep 63, by Mitsui Chemical Industry  
Co., Ltd.  
CFSH SA Code P-353.

*Kenji Doi*

33,137

Sci - Chemistry  
Apr 67

Studies on the Preparation of Calcium-magnesium Alloy  
by the Electrolysis of Fused Salts, by Kaoru Sakai,  
Hideo Imai, 7 pp.

Full translation.

JAPANESE, per, Journal of the Electrochemical Soc.,  
Japan, Vol XIX, 1951, pp 107-110.

S.L.A.

Scientific - Minerals/metals

27,291

Aug 55

An Adrenocortical Response of Mouse Lymph Nodes  
to Estrogen Treatment, by Hideshige Imai, 26 pp.

JAPANESE, par, Kaibogaku Zasshi, Vol XXXIX,  
No 6, 1957, pp 271-582.

SLA 60-15406

Sci  
Vol IV, No 8  
11 May 62

196, 055

On the Radar Reflectivity and the Drop-Size  
Distribution of Rain, by I. Imai, M. Fujiwara,  
I. Ichimura, Z. Yoshihara, 17 pp.

JAPANESE, per, Chuo Kishodai Kenkyu Jiho, Vol VII,  
No 7, 1955, pp 422-433.

Amer Meteorol Soc For  
Geophys Res Dir, ASTIA  
T-107

d

A Phase Discriminator for Use in Magnetic  
Particle Inspection Methods Under Alternating  
Current, by Hoji Sawada, Keiichi Kayashima,  
Masayuki Imai, 5 p.

JAPANESE, per, Nihon Hihakai Kensa Kyokai shi,  
1958, Vol VII, No 1, pp 30-31.

SLA 59-17095

Sci  
Mar 60  
Vol 2, No 12

109,133

Application of the W.K.B. Method to the Flow of a  
Compressible Fluid, I, by Isao Imai, 10 pp.

JAPANESE.

CIA/FID/X-2007  
FOR OFFICIAL USE ONLY

Scientific - Physics

Feb 56 GTS/DEX

31,571

Application of Thin-Wing Expansion Method to Gas Flow  
Along Sinusoidal Wall, by Inao Inai, Seichi Oyama,  
16 pp.

Full translation.

JAPANESE, Tokyo (Imperial) Univ, Institute of Science  
and Technology, Rpt, Vol II, No 3-4, Mar-Apr 1948,  
pp 39-44.

NACA N-10858

Sci - Aero

DEX

A-4325

A Refinement of the WKB Method and Its Applica-  
to the Electromagnetic Wave Theory, by  
Isao Imai, 22 pp.

JAPANESE, rpt, University of Tokyo, Jun 1955.

CIA/FID/X-2003  
FOR OFFICIAL USE ONLY

31,377

Scientific - Physics

Feb 56 CTS/DEX

Third Approximation of Thin-Wing Expansion Method for  
Compressible Fluids, by Isao Imai, Seiichi Oyama,  
7 pp.

JAPANESE, Report of Tokyo Univ, Institute of Science  
and Technology, Vol II, No 3-4, Mar/Apr, 1940, pp  
37 - 39.

HACA H-10899

Sci - Aeronautics

unpubl'd, available on loan only

Feb 52 CTS

29

A Calculation of the Minimum Concentration of the  
 Gaseous and the Dissolved Form of the Source, by K. Reed,  
 O. Reed,  
 J.A. Reed, etc., Journal of Atomic Energy Research  
Section A, No. 4, 1962, pp 171, 172. 928347  
 ABC-AMC-72-76

Sci-Stat Sci  
 Jan 66

270,572

The Microscopic Measurement of Photosynthesis  
Over a Nursery of Rice Plants, by E. K. Inoue,  
~~XXXXXXXX~~ N. Tani, K. Imai, S. Isobe, 17 pp.

JAPANESE, per, Journal of Agricultural  
Meteorology, Vol XIV, No 2, 1958, pp 46-53.

Amer Meteorol Soc T-J-~~84~~  
1

170, 237

Sci - Geophys  
Oct 61

63-17681

Inai, Kiyotatsu.

METHOD OF POLYMERIZING VINYL ACETATE.

July 63, 5p.

Order from SA \$16.00

SA Code-P-59

I. Inai, K.

II. Patent (Japan) pub. 37-3140

III. SA Code-P-59

IV. Seizaburo Aoki (Japan)

Trans. of [published] Japanese patent 3140/1962,  
cl. 26-B-131, appl. no. 25285/1960, 25 May 60,  
pub. 31 May 62, by Kurashiki Rayon Co., Ltd.

DESCRIPTORS: \*Vinyl plastics, \*Polyvinyl alcohol,  
Production, Vinyl radicals, \*Acetates, Polymerization,  
Solvents, Methanol, Catalysts, \*Boric acids, Azo  
radicals, Butyl radicals, Nitriles.

Office of Technical Services

(Materials--Plastics, TT, v. 10, no. 4)

Industrial-Scale Trials on the Injection of  
Argon for Flushing Hydrogen Out of Arcwelds  
and O. H. Steel Baths, by H. Tsai, et al,

JAPANESE, per, Tetsu to Hagane, Vol XLI, No 9,  
1955, pp 1033,1034.

Brutcher No 3827  
\$2.25

44,431

Sci - Min/Metals  
Dec 56 CTS

Elimination of Hydrogen From Open-Hearth  
Steel Baths by Cutting Off the Fuel,  
by M. Imad, et al.

JAPANESE, per, Tetsu to Hagane,  
Vol XLV, No 9, 1959, pp 955-957.

H

HD 5116

Sci - Engr

199,402

Jun 62

Elaboration of Hydrogen and Nitrogen from 1.2.2.  
Laser by Filming with Argon, by M. Tani, 1957.

RESEARCH, per, Tatsa to Hagan, Vol XLIII, No 3,  
1957, pp 65, 66.

RB 4789

Sci - Engr

Apr 50

114,272

Effect of Solvents on Hydrogenation of the  
Benzene Ring in the Presence of Nickel and  
Cobalt Catalysts, by Y. Orito, S. Imai.

JAPANESE, per, Shokubai, Vol IV, No 1,  
1962, pp 5-7.

ATS JJ-3968

Sci.-Chem  
Dec 63

244.863

Electroactive Utilization of the Free Energy of  
Formation of  $\text{NaCl}$ , by E. Tsubota, T. Tsubota, S.  
Ishii.

JAPANESE, per, Journal of the Chemical Society of  
Japan, Vol LVIII, No 1, 1977, pp 1-3.

ABC Tr 513

Scientific - Chemistry

*Def Sci Info Svc*  
ORR Canada, T17J  
CIA D 151220  
July 1971 CTS

144377

Interaction of Dye (C.I. Acid Blue 120) With Non-Ion  
Activators., by Y. Hamoto, T. Enai.  
JAPANESE, per, Japan, Journal of Industrial Chemistry,  
Vol. 68, No. 9, 1999, pp 1886-1890.  
CSIRO/ No. 6685

*T. I. P. A.*

Sci "  
July 1967

334-677

92  
Study on Nitrides in Iron and Steels.  
1- Investigation on electrolytic conditions for  
formation of nitrides from iron by potentiostatic  
measurement, by T. Imai, T. Masuda etc.  
JHEP 15, part, Japan. J. Appl. Phys., Vol 27, no 12,  
1988, pp 595-596.  
JHEP 6493

71. JHEP  
study material  
102 69

394,173

# 29

(DC-3657).

Japanese Study on Communist Forces in Laos, by  
Imai Tadashi, 5 pp.

JAPANESE, per, Kaigai Jijo, Vol VII, No 11,  
Tokyo, 1959, pp 36-40.

JPRS 3296

FE - Laos, ~~Vietnam~~, China  
Pol - Communist forces  
May 60

117,489

Examination Apparatus for the Cavitation  
Test in Liquid Metals. Corrosion of  
Iron and Steel in Liquid Metals, by  
Yunoshin Imai, 24 pp.

JAPANESE, per, Journal of the Atomic  
Energy Society of Japan, Vol IV, 1962,  
pp 77-84. 9069387

AEC Tr-5382

Sci - Engr  
Dec 62

217,359

Chemical Reactions in the Chlorate Manufacturing  
Electrolytic Cell (pt 1) The Vapor Pressure of  
Hydrochlorous Acid on its Aqueous Solutions, by  
Hiroshi Imakawa, 10 pp.

Full translation.

JAPANESE, per, J. Electrochem. Soc. Japan, Vol XVIII,  
1950, pp 382-385.

S.I.A.

Scientific - Chemistry

25,929

Jul 55

Guided Democracy and Its Implementation, by Isnan  
Sudjono, 14 pp.

INDONESIAN, per, Mimbar Umum, Vol XIV, No 34/35:  
23 Aug 1960, pp 14-16, 55, 63.

JPRS 5762

FE - Indonesia  
Pol  
Dec 60

134, 231

(NY-5692)

Replacement of Defective Articular Bone Ends With  
Preserved Homotransplants, by A. S. Imanaliyev,  
6 pp.

RUSSIAN, par, Khirurgiya, Vol XXXVI, No 11,  
1960, pp 40-42.

JPRS 9101

151,185

Sci - Med

May 61



Clinical and Epidemiological Characteristics of  
Endemic (rat) Exanthematic Typhus, by S. A.  
Isanaliyev, 5 pp.

RUSSIAN, no per, Zhur Mikrobiol, Epidemiol i  
Immunobiol, Vol XXVIII, No 3, 1957.

Pergamon Press

Sci - Medicine  
Oct 57

53,858

Chemical Defoliation of Fruit Trees, by Yu. V.  
Rakitin, A. Imamalyev, 6 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VI, No 1, 1959,  
pp 61-66.

Amer Inst of Biol Sci

Sci - Biol

Sep 59

97,338

(BF-1398)

The Regulation of Wages for Underground Workers  
in the Mongolian Coal Industry, by S. Gombosuren,  
KOPPI T. Inamov, 4 pp.

RUSSIAN, per, Byull Nauch Informatsii -- Trud i  
Sarabotnaya Plata, No 10, 1960, pp 54-57.

JPRS 4374

PE - Mongolia

Yoon

Feb 61

140,284

The Blood Pressure-Reducing Action of Extract of  
the Pyloric Appendage of Certain Fish and the Compo-  
sition of the Extracted Substance as Determined by  
Paper Electrophoresis, by K. Kundo, M. Shigyo, K.  
Nozura, H. Imamura, 13 pp.

JAPANESE, per, Igaku Kenkyu (Acta Medica), Vol XXVII,  
No 3, Mar 1957, pp 603-606.

NIH 12-8

Sci - Med

57,843

Jan 58

TT-65-13685

Field 7C

Imamura, H.; Hirata, M.; Kawase, G.; Ohta, N.  
STUDIES IN THE PREPARATION OF PROPYLENE  
OXIDE. No. 1. RELATION BETWEEN REACTION  
FACTORS AND REACTION VELOCITY IN THE AIRING  
OF PROPYLENE IN THE LIQUID PHASE. 25p, 13refs.  
Order from SLA: \$2.60 as TT-65-13685

Trans. of Kogyo Kagaku Zasshi (Japan) v67 n7 p1026-31  
1964.

I. Title: Relation ...

MR 663

Measurement of Concentration of Pulverized Coal  
in Pneumatic Conveyor Using Beta-Emitting Isotope,  
by H. Inamura, J. Tsujii, M. Yokooji.

JAPANESE, Fourth Japan Conference, Tokyo,  
October 10-12, 1961.

\*AEC

Sci

20 Dec 62

AEC-tr-4482(p.845-59) Uncl.

APPLICATION OF RADIOACTIVE ISOTOPES IN THE  
STUDY OF THE PERMEABILITY OF THE CELL MEMBRANE.  
I. STUDY OF THE PERMEABILITY OF THE RED BLOOD  
CELL CELLULAR MEMBRANE WITH  $\text{Na}^{24}$ . H. Imamura,  
N. Sasaki, I. Yoshimura, F. Tsugami, and A.  
Otaki.

C-23 P NSA

N-7

Measurement of the Concentration of Pulverized Coal  
in Pneumatic Conveyors by Beta Transmission, by  
Hiroshi Inamura, Junro Tsuji, et al, 7 pp.

JAPANESE, per, Radi isotopes, Vol XI, No 1, 1962,  
pp 16-22, AN 9206071.

AEC Tr 5581

Sci - Phys

May 63

230,674

Effect of Linear Energy Transfer on the  
Radiolysis of Methanol, by M. Imamura, 18 pp.  
JAPANESE, per, Rika Gaku Kenkyusho Hokoku,  
Vol 40, No 3, 1964, pp 176-184.  
P011390467  
ANC NP-TR 1577

Sci-Chemistry  
Feb 68

347,500

Radiation Effects on Cellulose, by Rikizo Itamura,  
16 pp.

JAPANESE, per, Genshiryoku Kogyo, Vol. IX, No. 1.  
1963. 9a17224

AEC-25-6211

Sol - Koch Sol  
Jan 64

248, 790

The Skipjack Fishery, by Yutaka Imamura, 57 pp.

Full translation.

JAPANESE, per, Suisan Koza, The text of the Fishery,  
Vol VI, MAR 1949, pp 17-94.

S.L.A.

Scientific - Biology

Jul 1955

25,930

Effect and After-Effect of Karatau Phosphorite on  
Yields of Various Crops Under Conditions of  
Southern Kazakhstan, by K. L. Imangazyev

RUSSIAN, no per, Dok Vses Ordena Lenina Ak Sel'khoz  
Nauk imeni V. I. Lenina, Vol XVI, No 7, 1951,  
pp 23-28. CIA D 400982

USDA

31,797

USSR

Sci - Biology

Mar 56 CTS/DEX

Imanishi, Y., Higashimura, T., and Okamura, S.  
ISOBUTENE Pt. 2 of the Relation Between the Nature  
of Growing Ion Pairs and the Rate Constant Ratios in  
Cationic Polymerizations. [1962] 10p.  
Order from ATS \$15.00

ATS-05P63J

Trans. of Kobunshi Kagaku (Japan) 1961, v. 18, no. 194,  
p. 333-338.

DESCRIPTORS: \*Butenes, Reaction kinetics, \*Ions,  
\*Polymerization.

AT-11-7622

(Chemistry--Organic, TT, v. 9, no. 1)

62-34221

- I. Imanishi, Y.
- II. Higashimura, T.
- III. Okamura, S.
- IV. Title: Relation...
- V. ATS-05P63J
- VI. Associated Technical  
Services, Inc., East  
Orange, N. J.

62-34221

Office of Technical Services

Studies of Fluoride Glass. II. The Systems  
 $\text{GeF}_2\text{-AlF}_3\text{-NaF}$ ,  $\text{KF}$ ,  $\text{CaF}_2$  ( $\text{HgF}_2$ ,  $\text{SbF}_2$ ,  $\text{BaF}_2$ ), by M.  
Imaoka, 6 pp.

JAPANESE, per, Gogyo Kyokai Shi, Vol LXII, 1958,  
pp 24-27.

AEC NP-tr-296

Jan 60

105,598

Gas Concentration-Meter and Density-Meter by  
Application of Radiation Absorption, by  
Hiroshi Imamura, 11 pp.

JAPANESE, per, Radioisotopes, Vol XI, No 1,  
1962, pp 9-16. 9201262

AEC-tr-5457

Sci. - Phys  
Jan 63

220,847

Liquid-Phase Oxygen Oxidation of p-Xylene and  
p-Toluic Acid Under Gamma Radiation, by J. Ima-  
mura, 23 pp.

JAPANESE, part, Government Chemical Industrial  
Research Institute, Vol. IV, No. 9, 1960, pp 346-350.  
9095560

ABC NP Tr-794

Sci - Chem  
Mar 62

186, 488

Synthesis of Chloral by the Chlorination of  
Paraldehyde or Acetaldehyde, by H. Ohta,  
J. Imamura, 17 pp.

JAPANESE, per, Tokyo Kogyo Shikansho Hokoku  
Vol XLVIII, No 8, 1953, pp 311-324.

ADB-91M39J

Sci

3 Mar 62

186, 184

Fine Structure and Hyperfine Structure of  
Paramagnetic Resonance Rotation, by F. S.  
Inamutdinov, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 12, 1961,  
pp 1472-1476.

AIP

Sov Phys - Tech Phys  
Vol VI, No 12

Sci

205,046

Jul 62

On X-Ray Irradiation of *Penicillium*  
*Chrysogenum*, by H. Imanaka.

JAPANESE, per, Journal of Antibiotics,  
Vol IX, 1956, pp 218-220.

CSIRN)

Sci - phys

Mar 62

188,505

Solubility in the Aqueous Aluminium, Sodium, Nickel,  
Sulphate Quaternary System, by I. G. Druzhinin,  
B. Imanakunov, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 11, 1961,  
pp 2582-2589.

Cleaver-Human Press

Sci

Oct 62

213,222

X-Ray Diffraction Investigation of Solid Phases in  
Ternary Aqueous Systems Consisting of Nickel, Sodium,  
and Aluminum Sulfates at 25-65°C, by V.G. Kuznetsov,  
B. Inenakunov, 12 pp.

RUSSIAN, per, Zhur Strukturnoi Khim, Vol III, No 1,  
1962, pp 51-63.

CB

Sci

213,296

Aug 62

Effects of Chronic Gamma Irradiation on  
Shoots' Growth, Flower Bud Formation and  
Yielding Capacity of Cherry-Mazzard Hybrids,  
by G. R. Imanaliyev, 9 pp.

RUSSIAN, per, Radiobiologiya, Vol III, No 4,  
1953. 9222264

AEC-Tr-5437

Sci  
May 54

260,043

Imanishi, Y., Mizote, A. and others.  
ESTIMATION OF THE REACTIVITY OF THE  
GROWING ION FROM THE CHAIN TRANSFER RE-  
ACTION IN CATIONIC POLYMERIZATION. (1963) 9p.  
Order from ATS \$13.80      ATS-98Q69J

Trans. of Kobunshi Kagaku (Japan) 1963, v. 20,  
no. 213, p. 54-64.

DESCRIPTORS: \*Polymerization, \*Ion exchange,  
Exchange reactions, Reaction kinetics, Polymers,  
\*Molecular structure.

(Chemistry--Organic, TT, v. 10, no. 8)

63-17771

I. Imanishi, Y.  
II. Mizote, A.  
III. ATS-98Q69J  
IV. Associated Technical  
Services, Inc.,  
East Orange, N. J.

AC47728

Office of Technical Services

Imanishi, Y., Mizota, A. and others.  
DETERMINATION OF THE REACTIVITY OF THE  
GROWING ION FROM THE CHAIN TRANSFER  
REACTION IN CATIONIC POLYMERIZATION. PT. I.  
COMPARISON BETWEEN PARA- AND ORTHO-  
CHLOROCYRENE AND STYRENE. [1963] 14p.  
Order from ATS \$15.00      ATS-97Q69]

Trans. of Kobunshi Kagaku (Japan) 1963, v. 20,  
no. 213, p. 49-57.

DESCRIPTORS: \*Styrene plastics, Styrenes, Polym-  
erization, Ions, \*Chain reactions.

(Materials--Plastics, TT, v. 10, no. 6)

63-22138

I. Imanishi, Y.  
II. Mizota, A.  
III. ATS-97Q69]  
IV. Associated Technical  
Services, Inc.,  
East Orange, N. J.

1247696

Office of Technical Services

75  
Studies on the Glass Formation Range of Borate  
Systems, by T. Inaoka.  
JAPANESE, per, Yogyo Kyokai Shi, Vol 69, No. 9,  
1961, pp 242-306.  
NTC 60-12442-115

Sci-Stat  
July 69

387,112

Studies on the High Aluminous Minerals. 1. Thermal  
Analysis of Minerals, by Shoichiro Nagai, Teruzo  
Asahara, Minoru Imaka, 9 pp.

JAPANESE, per, J. Japan Ceram Assoc, Vol LI, No 607,  
1943, pp 381-384.

S.L.A. Tr No 431/1955

Sci - Minerals/Metals  
Jan 1957 CFB/dex

45, 8/5

Extremum Indicator, by A. A. Imas, A. Ya. Rogovskiy,  
4 pp.

RUSSIAN, per, Priborostroyeniye, No 11, 1961,  
pp 5-7.

Taylor & Francis Ltd.

Sci

Jul 62

203,012

The Physical Essence of Coal and Rock  
Destruction by Cutting Tools, by  
A. D. Iggs, V. P. Solonko.

RUSSIAN, per, Ugol', Vol XXXVII, No 2,  
1967, pp 24-28.

NLL Ref: 9022 66 1963 (2269) (Loan)

Sci - MMR Engr  
Feb 64

248,598

Design of a D. C. Paraphase Stage with Cathode  
Coupling using Triodes, by A. M. Mas, 9 pp.

RUSSIAN, per, Radiotekh, Vol XIV, No 7, 1959,  
pp 50-55.

PP

Sc1

149,097

Apr 61

Some Aspects of the Application of Semiconductor  
Bolometers by A. V. Bonch-Bruевич, Y. A. Imas.

RUSSIAN J. Radiotekh i Elektron, No 3, 1957,  
pp 317-322.

ATS

Sci

Jul 59

91,314

A Method of Recording Rapidly Varying Processes by Means of Inertia Receivers, by A. M. Borch-Bruevich, Ya. I. Liss, 1 p.

Full translation.

RUSSIAN, bino per, Iz Ak Nauk, Ser Fiz, Vol XIX, No 1, 1955, p 54. CIA C 42053

Columbia Tech Tr:

34,659

Scientific - Physics  
May 56 CIB/dex

Imatomi, Shoichiro.  
THE CRYSTALLIZING POINTS OF THE SYSTEM  
MgCl-KCl-NaCl. [1963] 5p (figs omitted)  
Order from SLA \$1.10 TT-64-14409

Trans. of Rikagaku Kenkyujo Hokoku (Japan) 1940, v. 19,  
p. 167-169.

DESCRIPTORS: \*Fused materials, Salts, \*Magnesium  
compounds, \*Potassium compounds, \*Sodium com-  
pounds, \*Chlorides, Phase studies, \*Crystallization.

(Chemistry-Physical, TT, v. 11, no. 6)

TT-64-14409

I. Imatomi, S.

1170640

Office of Technical Services

61-25730

Imaev, M. G.  
TRANSESTERIFICATION OF TRIALKYL PHOSPHITES  
WITH ALIPHATIC ALCOHOLS. [1961] 4p.  
Order from ATS \$6.35.                      ATS-00N55R

Trans. of Zhur[skii] Obshch. Khim[istov] (USSR) 1961,  
v. 31, no. 6, p. 1770-1773.

DESCRIPTORS: \*Esterification, \*Alkyl radicals,  
\*Phosphites, \*Alcohols, Chemical reactions.

(Chemistry--Organic. TT, v. 7, no. 1)

I. Imaev, M. G.  
II. ATS-00N55R  
III. Associated Technical  
Services, Inc., East  
Orange, N. J.

184306

Office of Technical Services

(10 6.50)

Saponification of Complete Esters of Phosphoric  
Acid With Pure Water, by M. G. Il'yayev, S. M.

RUSSEIAN, Ser. Zhur Obshch Khim, Vol. XXXI, No. 6,  
Jul. 1961, pp 1762-1766.

JPRS 11702

Doc. 11702  
JPRS 11702

180.734

Separation of Trialkylphosphites in the  
Presence of Inorganic and Organic Acids by  
K. G. Lupton, 5 pp.

RUSSIAN, Jour. Appl. Chem. Anal. Vol. 24, No. 7,  
Jul 1951, pp 1767-1770.

JPRS 11702

Ed. - Gorden  
Jan 62

180, 155

(DC-6335)

Transesterification of Trialkylphosphites by  
Aliphatic Alcohols, by M. G. Danyev, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 6,  
Jul 1961, pp 1770-1773.

JPRS 11702

Sci + Chem  
Jan 62

180,128

The Synthesis of Some Substituted Anilides of  
Aroylacetic Acids, by M. G. Imaev. 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 5.  
1962, pp 1648-1652.

CB

Sci

Mar 63

233, 555

Azomethine Dyes Which Contain A Phosphonic Group,  
by M. G. Imayev, 4 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 9  
1961, pp 2930-2933.

CB

Sci  
Oct 62

214,629

The Synthesis of Some Mixed Trialkyl Thiophosphates  
and Alkylaryl Phosphites, by M. G. Imayev, R. A.  
Faskhutdinova, 3 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 9  
1961, pp 2934-2936.

CB

Sci  
Oct 62

214,630

Saponification and Transesterification of Complete  
Esters of Phosphorous Acid, by A. E. Arbusov, N. G.  
Imayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 5,  
1957, pp 856-859.

Consultants Bureau

Sci - Chemistry  
Jul 58

66,774